

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-314680

(43)Date of publication of application : 25.10.2002

(51)Int.Cl.

H04M 1/738

H04M 1/725

H04M 11/00

(21)Application number : 2001-110292

(71)Applicant : NIPPON TELEGRAPH & TELEPHONE EAST CORP

(22)Date of filing : 09.04.2001

(72)Inventor : YONEZAWA TOSHIYUKI

(54) WIRED-RADIO TELEPHONE CONVERSION DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a wired-mobile phone conversion device which can connect even a wired telephone to a mobile network by connecting a converter to the wired telephone.

SOLUTION: When a wired-radio telephone conversion device 1 is used, a modular jack 2 is connected to an existing wired fixed telephone set 3, and a cable 5 connected to a home antenna 4 is connected to an antenna connection connector 6. The device 1 is provided with a wired terminal conversion adapter 8, a transmission format converter 9, a base band processing part 10, a carrier processing part 11, a high frequency processing part 12 which transmits and receives a high frequency signal to and from the home antenna, a directional coupler 13, and a reception format converter 14, and operation and voice signals of the wired telephone set 3 are converted to a format of a radio telephone form and are modulated and transmitted.

